

REMARKS

Reconsideration of this application, as amended, is respectfully requested.

Claims 1-26 are pending. Claims 1-26 have been rejected.

Claims 1, 8, 15, and 21 have been amended. No claims have been canceled.

Claims 27-38 have been added. Support for the amendments is found in the specification, the drawings, and in the claims as originally filed. Applicant submits that the amendments do not add new matter.

Applicant reserves all rights with respect to the applicability of the Doctrine of Equivalents.

INTERVIEW SUMMARY

The applicant's amendments presented in the response to the Office Action mailed on August 21, 2007 were discussed in light of the cited references. More specifically, claim 1 was discussed. Applicant explained the claimed invention to the Examiner. No formal agreement was reached.

Claims 1-26 are rejected under 35 U.S.C. § 102(b) as being anticipated by Adobe After Effects® Version 4.0, July 15, 1999 ("After Effects").

Amended claim 1 reads as follows:

A method for manipulating a presentation of a time based stream of information in a processing system, the method comprising:

A) rendering modifications of a first representation of a presentation that includes adding an edit feature to the first representation of the presentation that has one or more references, to create a revised presentation, and storing the modifications in a file for the presentation, in response to a user edit command, wherein the one or more references have data on how to manipulate the time based stream of information; and

Appl. No. 09/680,107
Amdt. dated 03/10/2008

14/20

B) creating a proxy, which is a second representation of the presentation during the rendering of the modifications of the first representation, the proxy including a simulation of the modifications, wherein the creating the proxy includes simulating the adding of the edit feature to the first representation of the presentation;

sending the proxy to a display; and
 displaying the proxy, which is the second representation of the presentation during the rendering the modifications of the first representation of the presentation. (emphasis added)

After Effects discloses applying effects to a low-resolution proxy of an original footage instead of applying the effects to a high-resolution original footage “to make working with the project faster and easier”(p.9). Further, After Effects discloses “use the proxy for display” (12). In particular, the portion of the After Effects cited by the Examiner discloses “[those] effects and properties [that have been]...applied to the proxy are applied to the actual footage when the movie is rendered with Use No Proxies selected from the Proxy Use menu...” (p. 12).

Thus, After Effects merely discloses applying the effects (which have been applied to the proxy) to the actual footage when the movie is rendered. In other words, the rendering of the actual footage occurs after applying the effects to the proxy. In contrast, amended claim 1 refers creating a proxy, which is a second representation of the presentation during the rendering of the modifications of the first representation, wherein the rendering the modifications includes adding the edit feature to the first representation of the presentation.

Further, After Effects merely discloses displaying the proxy (p. 12). In contrast, amended claim 1 refers to displaying the proxy, which is the second representation of the presentation during the rendering of the modifications of the first representation of the

presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation.

Given that After Effects fails to disclose all limitations of amended claim 1, applicant respectfully submits that amended claim 1 is not anticipated under 35 U.S.C. § 102(b) by After Effects.

Given that claims 2-26 contain the limitations substantially similar to those discussed with respect to amended claim 1, applicant respectfully submits that claims 2-26 are not anticipated under 35 U.S.C. § 102(b) by After Effects.

Claims 1-5, 8-12, 15-18, and 21-24 were rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,686,918 to Cajolet ("Cajolet") in view of U.S. Patent No. 5,519,828 to Rayner ("Rayner").

It is respectfully submitted that Cajolet does not teach or suggest a combination with Rayner, and Rayner does not teach or suggest a combination with Cajolet. It would be impermissible hindsight, based on applicant's own disclosure, to combine Cajolet and Rayner.

Cajolet discloses modifying 3D animations in a non-linear editing environment. More specifically, Cajolet discloses:

As shown in FIG. 3, ... thumbnails 84 which are preferably graphic representations, or icons, representing the content of the clip, although they can also be a textual description or both. When graphical representations or icons are employed, these thumbnails 84a, 84b, 84c can indicate the change or evolution in the underlying information over time, if any. ...

...To produce an edit and/or to modify the information in an element 28, a user modifies or operates upon the corresponding clips 68 in the NLE time line area 52.

(Cajolet, col. 6, lines 3-33) (emphasis added)

Appl. No. 09/680,107
Amndt. dated 03/10/2008

16/20

Thus, Cajolet discloses displaying the thumbnails that indicate the change (evolution) in the underlying information over time. In contrast, amended claim 1 refers to creating a proxy, which is a second representation of the presentation during the rendering of the modifications of a first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation.

Additionally, Cajolet discloses displaying the thumbnails that indicate change (evolution) in the underlying information over time. In contrast, amended claim 1 refers to displaying the proxy, which is the second representation of the presentation during the rendering of the modifications of the first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation.

Rayner, in contrast, discloses the video editing interface for aligning timelines (Abstract). More specifically, Rayner discloses:

... when a new video sequence is put into the video editing system of the present invention, a sample is taken of each frame. This sample is small, typically only eight pixels of information, but when these frame samples are assembled into a video pictorial timeline 10,11, this limited data provides enough information to visually cue the operator quite effectively.
(Rayner, col. 5, lines 20-30)(emphasis added)

Thus, Rayner discloses taking samples of actual frames and displaying the samples of actual frames when the system is put into the video editing system. In contrast, amended claim 1 refers to creating a proxy, which is a second representation of the presentation during the rendering of the modifications of a first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation.

Further, Rayner discloses:

Clicking on the Preview box 38 causes a "virtual edit" of the active layers to be previewed as a composite sequence but not recorded, i.e., be made visible in the video window 14 as they would appear if recorded....
(Rayner, col. 6, lines 5-12)(emphasis added)

Thus, Rayner merely discloses previewing the "virtual edit". In contrast, amended claim 1 refers to displaying the proxy, which is the second representation of the presentation during the rendering the modifications of the first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation.

Furthermore even if the interface of Rayner were incorporated into the system of Cajolet such a combination would still lack creating a proxy, which is a second representation of the presentation during the rendering of the modifications of a first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation, as recited in amended claim 1.

Additionally, even if the interface of Rayner were incorporated into the system of Cajolet such a combination would still lack displaying the proxy, which is the second representation of the presentation during the rendering the modifications of the first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation, as recited in amended claim 1.

Therefore, applicant respectfully submits that amended claim 1 is not obvious under 35 U.S.C. § 103(a) over Cajolet, in view of Rayner.

Appl. No. 09/680,107
Amdt. dated 03/10/2008

18/20

Given that claims 2-5, 8-12, 15-18, and 21-24 contain related limitations, applicant respectfully submits that claims 2-5, 8-12, 15-18, and 21-24 are not obvious under 35 U.S.C. §103(a) over Cajolet, in view of Rayner.

The Examiner has rejected claims 6-7, 13-14, 19-20 and 25-26 under 35 U.S.C. § 103(a) as being unpatentable over Cajolet in view of Rayner and U.S. Patent No. 5,638,504 to Scott ("Scott").

It is respectfully submitted that none of the references cited by the Examiner teach or suggest a combination with each other.

Cajolet discloses modifying 3D animations in a non-linear editing environment (Abstract). Rayner, in contrast, discloses the video editing interface for aligning timelines (Abstract). Scott, in contrast, discloses processing documents with document proxies (Abstract).

Furthermore even if the interface of Rayner and the document processing system of Scott were incorporated into the 3D animation system of Cajolet, such a combination would still lack creating a proxy, which is a second representation of the presentation during the rendering of the modifications of a first representation of the presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation, as recited in amended claim 1.

Additionally, even if the interface of Rayner and the document processing system of Scott were incorporated into the 3D animation system of Cajolet, such a combination would still lack displaying the proxy, which is the second representation of the presentation during the rendering of the modifications of the first representation of the

Appl. No. 09/680,107
Amdt. dated 03/10/2008

19/20

presentation, wherein the rendering of the modifications of the first representation of the presentation includes adding an edit feature to the first representation of the presentation,
as recited in amended claim 1.

Given that claims 6-7, 13-14, 19-20 and 25-26 contain the limitations that are substantially similar to those discussed with respect to amended claim 1, applicant respectfully submits that claims 6-7, 13-14, 19-20 and 25-26 are not obvious under 35 U.S.C. §103(a) over Cajolet, in view of Rayner, and further in view of Scott.

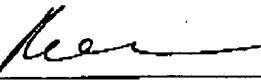
It is respectfully submitted that new claims 27-38 are allowable over the references cited by the Examiner.

It is respectfully submitted that in view of the amendments and arguments set forth herein, the applicable rejections and objections have been overcome. If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

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Appl. No. 09/680,107
Amdt. dated 03/10/2008

20/20